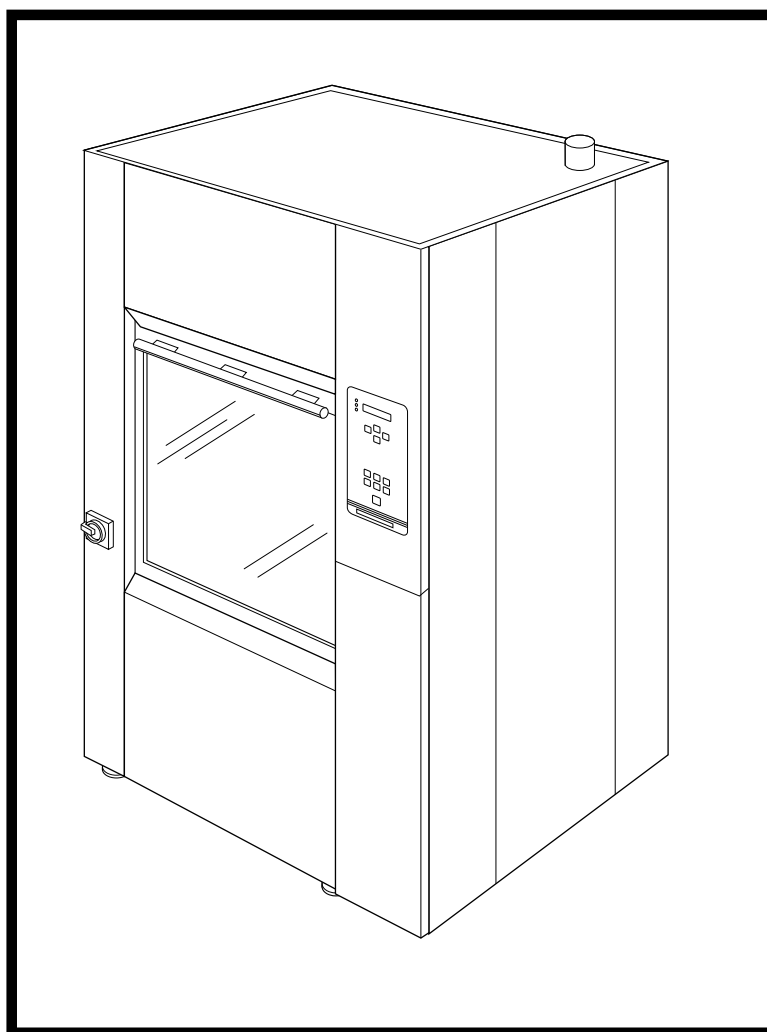


INSTALLATION INSTRUCTIONS



Decomat 8666

Serial no. 81511-
4996859-04

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Safety rules

This machine is designed with a number of integrated safety devices. To avoid personal injury it is essential that the safety devices are not bypassed or in any other way put out of action.

General safety rules

- The machine should be connected according to the instructions.
- The machine may not be used by juveniles.
- Installation work and servicing should be carried out by staff trained to use this machine.
- The door switch on the machine may not be bypassed under any circumstances.
- Leakage in the system, eg, due to worn lid gasket, must be repaired immediately.
- Personnel concerned must study valid handbooks and service manuals prior to any repairs or service work.
- All plug-in leads must be unplugged from all of the circuit boards of the control system before any welding on or close to the dishwasher is started.
- The machine may not be sprayed with water.
- Caution must be observed when using corrosive detergents.
- Safety precautions must be observed when using hot water or steam.

Power cut-off device

The machine can be provided with a separate main switch in the power supply line, easily accessible on the wall.

Caution symbols

This manual contains certain warnings, instructions and advice of such importance that they are particularly emphasized. The configuration and use of the appertaining symbols are as follows:



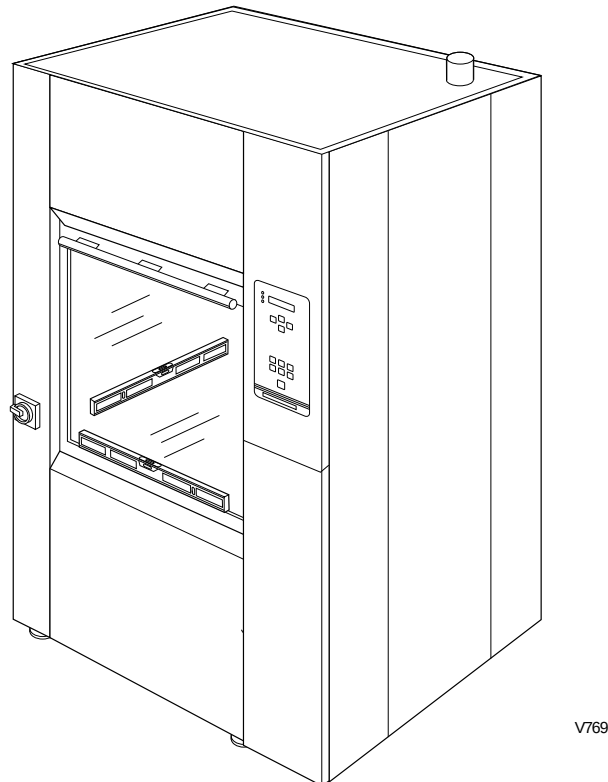
This symbol indicates a warning in the text. It gives warning of dangers which could lead to minor or major injury to the person and even to a fatality.

It is also used in warnings to avoid damage to the machine.

Installation

- Pull the machine (standing on a transport pallet) to where it is to stand.
- Lift the machine from the transport pallet.
- Place the machine in position and set the adjusting screws of the feet to make the machine stand firm and level. Check with a spirit level as shown in figure 1 to ensure that the machine is level.
- The floor on which the machine is to stand must be horizontal and smooth.

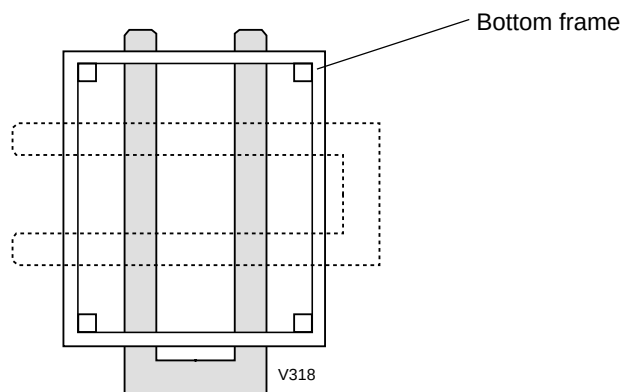
Fig. 1. Adjusting



If the machine is to be moved using a fork-lift truck:

- Position the forks of the truck as illustrated in figure 2 so as not to damage the machine.

Fig. 2. Positioning the fork-lift forks.



Wall-mounted model

- If the machine is fitted with two doors and is to be installed in a wall, the clearance between wall and machine must be at least 25 mm.
- If several machines are mounted in-line, they must be adjusted to the same height when being installed (especially important when a loading trolley is used)
- If a plinth plate is used, the height from the floor to the bottom of the machine must be at least 100 mm.
- Set the adjusting screws on the feet to make the machine stand firm and level. Check with a spirit level on the sides of the machine.
- The floor in front of all the machines must be level and smooth to ensure that the loading trolley works satisfactorily.

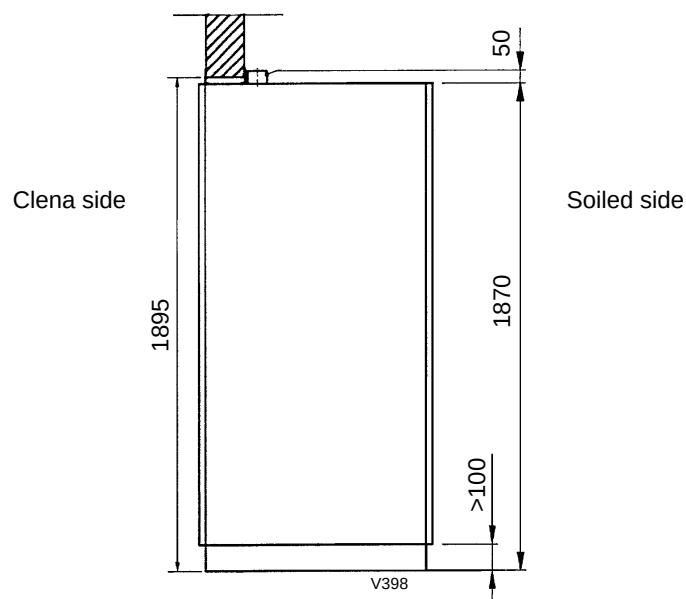
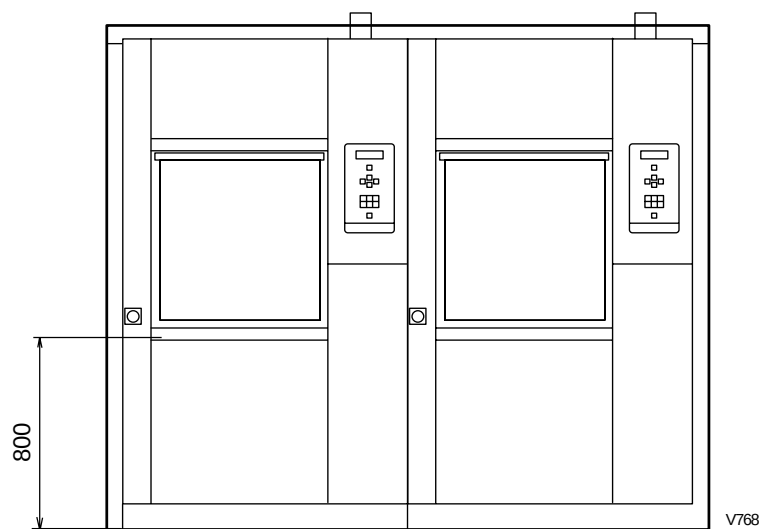


Fig. 3. Installed in wall

Electric connections



Installation may be made by authorized personnel only.

- The machine can be provided with a separate main switch, with a 3 mm gap, in the power supply line to facilitate maintenance and service.
- Position the disconnecting switch easily accessible on the wall.

Electrical connections on the main switch located on the front of the machine are made as follows:

- The disinfectant is connected to protective earth and to the supply voltage indicated on the data plate.
- Ensure that the correct size of fuse is fitted. The fuse value is stated on the data plate.

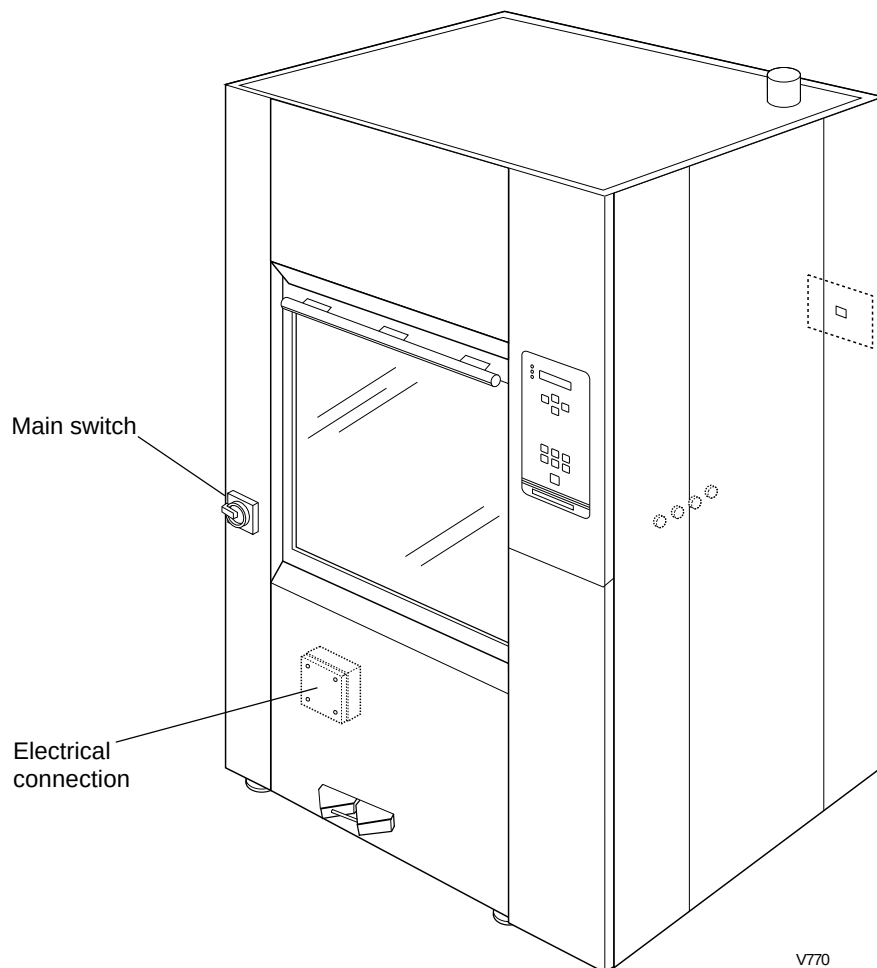


Fig. 4. Electrical connection (see electric circuit diagram in the service instructions)

Connection of water, steam, drain and dryer

- Fit the connections for water, and steam if used, with separate shut-off cocks. Flush the water and any steam pipes that are to be connected to the machine so that they are clean and thus prevent clogging of filters and valves.
- Connect the disinfectant to the cold and hot water supply, and to steam and condensate connections if relevant. The connections must be in compliance with the following requirements:

	Connection	Pressure	Consumption
Cold water	3/4" (20mm)	100-800 kPa	≥33 litres per phase
Hot water	3/4" (20mm)	100-800 kPa	≥33 litres per phase
Distilled water/Deionized water	3/4" (20mm)	100-800 kPa*	≥33 litres per phase
Steam	1/2" (15mm)	300-450 kPa	0.65 kg/min (300 kPa)
Condensate	1/2" (15mm)		
Compressed air	1/2" (15mm)		

* A separate supply pump must be used if pressure is below 50 kPa.

Note

Distilled or deionized water must have conductivity that is lower than 40 µS/cm.

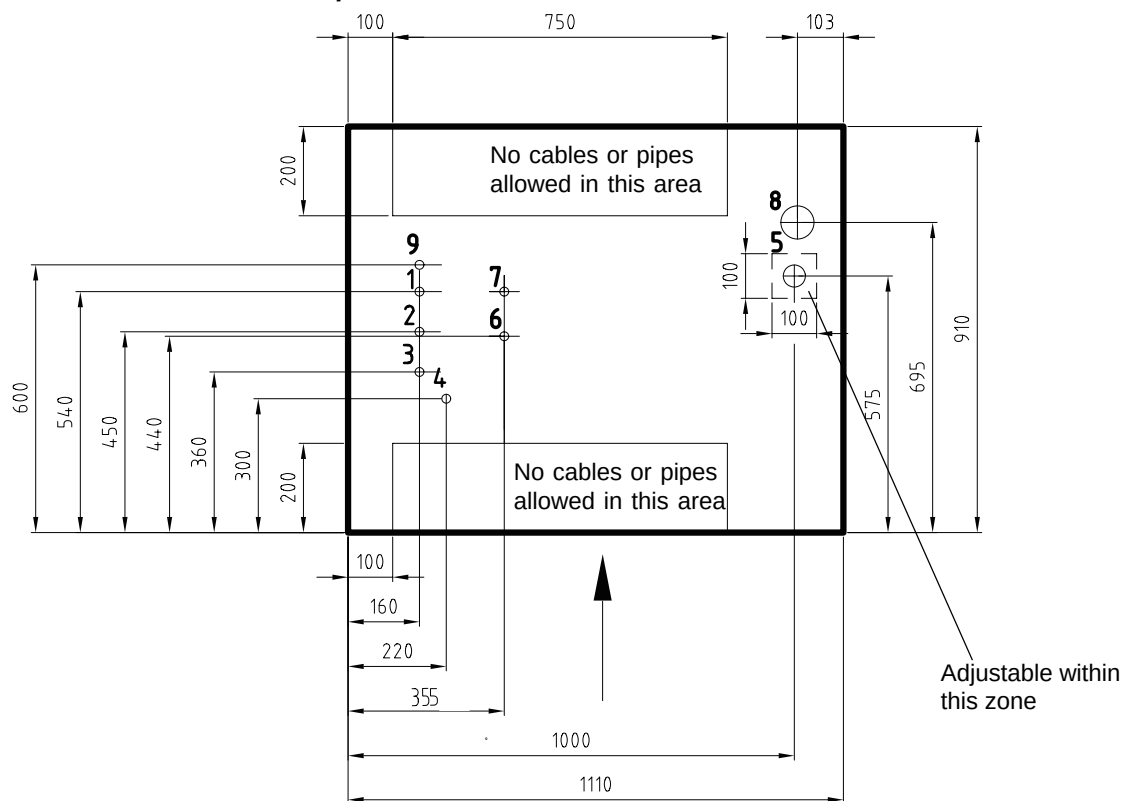


Fig. 5. Connection of water, steam, drain and dryer

- | | |
|---|---|
| 1. Distilled/ deionized water
350 mm above floor level | 5. Drain connection at floor level |
| 2. Hot water 350 mm above floor level | 6. Steam connection 350 mm above floor level |
| 3. Cold water 350 mm above floor level | 7. Condense connection 350 mm above floor level |
| 4. Electric connection 350 mm above floor level | 8. Dryer evacuation in machine top |
| | 9. Compressed air connection (Loader/Unloader)
400mm above floor level |

9908

- Teflon tape is recommended for the sealing of connections.
- Connect the disinfectant to a drain that has a capacity of at least 30 litres per minute. The drain may be connected to the rear or downwards as indicated in figure 6. Diameter of drain: 50 mm.

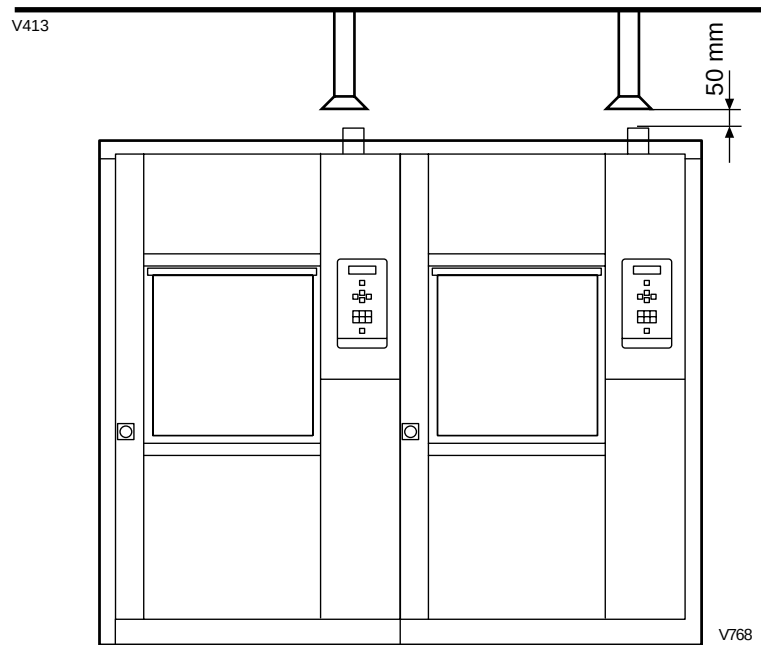


Fig. 6. Connection for dryer

- Connect evacuation from the dryer (ie, if machine is equipped with dryer). Air flow rate: approx. 225 m³/h.

Functional check

- Ensure that the machine is connected to the correct power supply and that the drain, water, steam and condensate connections are correctly made. Open the water and steam cocks.
- Fill the detergent and rinsing agent bottles and place their level alarms in the bottles.
- When starting up a new machine, the door must be opened as follows:
 Set the main switch to 1 and select program 1. Then press the start-button twice.
 For manually operated doors - Press the handle down.
 For automatic doors - Door opening is automatic.

Machines with double doors have a locking system whereby only one door can be opened at a time.

If the door on the soiled side will not open, check that the door on the clean side is closed and locked. If not, proceed as follows: For manually operated door: Close the door and depress button "DOOR".
 Automatic door: Depress button "DOOR".

- Place a basket in the washing chamber and close the door.
- Choose a program in which dosing is made from each of the detergent and rinse-aid bottles and start the machine (see Operating Instructions).
- Ensure that filling with water in the machine is satisfactory.

Note.

The circulation pump must be filled with water. The axial seal may be damaged if there is no water in the pump.

- Ensure that the circulation pump is rotating in the right direction as indicated by the arrow on the pump motor. If not, break the power supply, change the phase sequence and restart the machine.

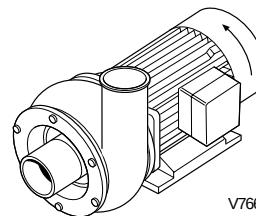


Fig 9. Circulation pump

- Ensure that the dispenser pumps operate at the correct time in accordance with the description of the program in the Operating Instructions and that detergent is supplied.
- Check while the program is running that the door/doors cannot be opened.
- On machines with manually-operated double doors, check the door locking function on completion of a program as follows:
 - Ensure that the door on the soiled side cannot be opened.
 - Open the door on the clean side and then close it again.
 - Push the DOOR button.
 - Open the door on the soiled side.
 - Check that the door on the clean side cannot be opened.
- Ensure that there is no leakage of water or steam. Re-tighten connections for water, steam and drainage if required.

Technical data

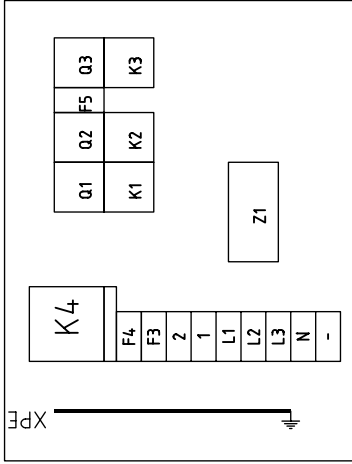
Weight, incl. water	350 kg
Width	1110 mm
Depth	910 mm
Height	1870 mm
Consumption of water	33 l/phase
Environmental requirements:	
Humidity, maximum	80% at 31 °C
Room temperature	5 - 40 °C
Cold water	
Connections	20(3/4") mm
Pressure	100-800 kPa
Rate of flow	30 l/min
Hot water	
Temperature	45-60 °C
Connections	20(3/4") mm
Pressure	100-800 kPa
Rate of flow	30 l/min
Dest./deionized water	
Connections	20(3/4") mm
Pressure	100-800 kPa (a separate supply pump must be fitted if pressure is less than 50 kPa)
Rate of flow	30 l/min
Condensate	15(1/2") mm
Steam	
Connections	15(1/2") mm
Pressure	300-500 kPa
Consumption	0,65 kg/min by 300 kPa
Drain	dia. 50 (2") mm
Capacity	50 l/min
Exhaust air	
Flow rate	approx. 225 m³/h
Electric power	
Variant G2	230 V, 3+PE, 50/60 Hz (TN)
Fuse	3x50 A
Rated power	17,5 kW
Variant G3	400 V, 3N+PE, 50/60 Hz (TN)
Fuse	3x35 A
Rated power	20,5 kW
Variant V2 without dryer	230 V, 3+PE, 50/60 Hz (TN)
Fuse	3x16 A
Rated power	2,5 kW
Variant V3 Without dryer	400 V, 3N+PE, 50/60 Hz (TN)
Fuse	3x16 A
Rated power	2,5 kW
Variant V2 with dryer	230 V, 3+PE, 50/60 Hz (TN)
Fuse	3x20 A
Rated power	6,9 kW
Variant V3 with dryer	400 V, 3N+PE, 50/60 Hz (TN)
Fuse	3x16 A
Rated power	6,9 kW
Compressed air connection	4-8 bar
Max. ambient temperature	50 °C
Noise level	60 dB (A)

Electric circuit diagram

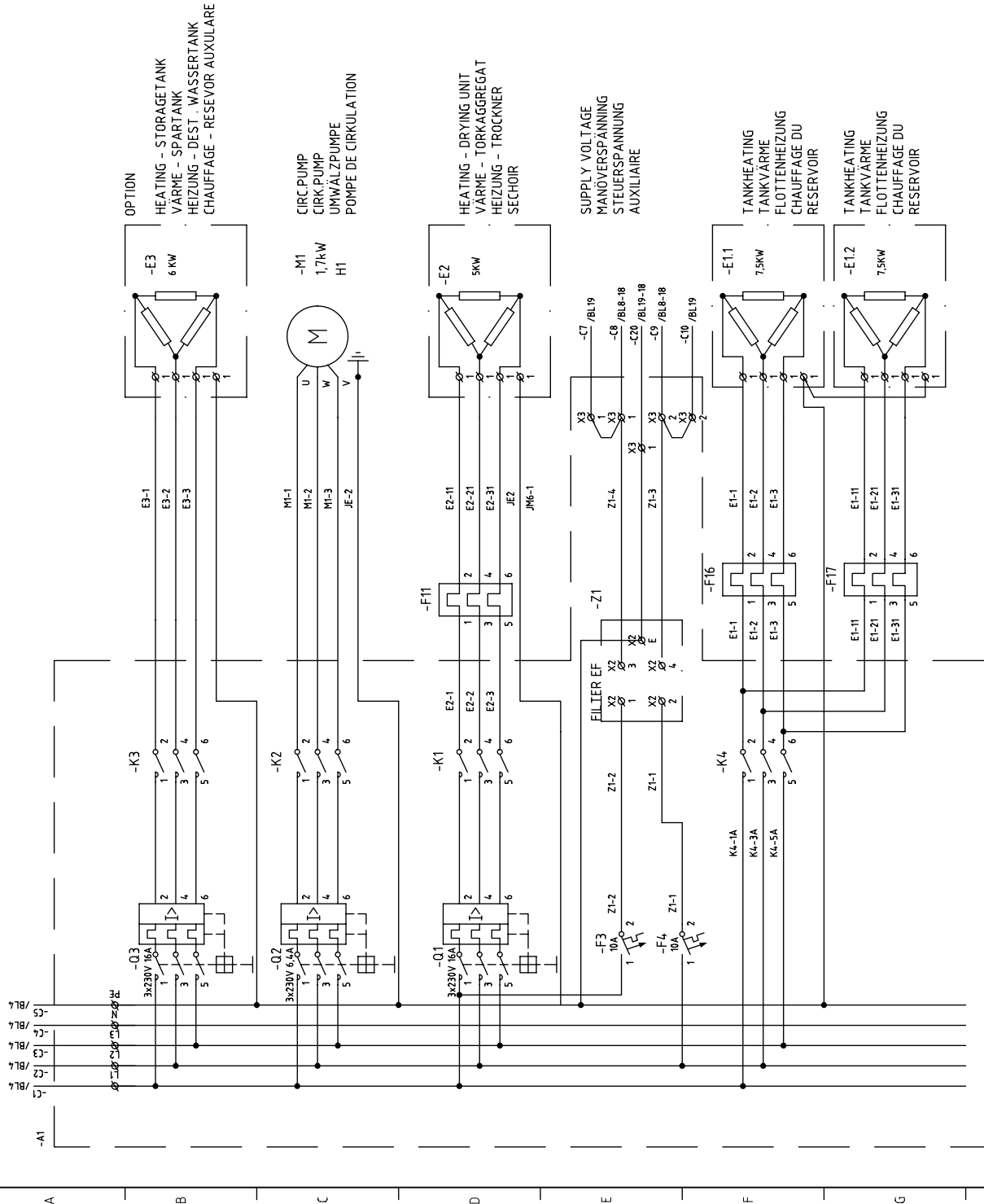
Drawing no	Document class	Document contents
D-5000137	Lay out	Elbox
D-5000131	Circuit diagram	Connection, main switch
D-5000132	Circuit diagram	Connection, alt 200/208 V
D-5000133	Circuit diagram	Connection, alt 230 V
D-5000134	Circuit diagram	Connection, alt 400 V

Q1	4 99 5735-00	MOTORSKYDDSBRYTARE OVERLOAD PROTECTOR MOTORSCHUTZSCHALTER	KLÖCKNER-MÖLLER PKZM0-16. 3X400V
Q2 F5	4 99 5736-00	MOTORSKYDDSBRYTARE OVERLOAD PROTECTOR MOTORSCHUTZSCHALTER	KLÖCKNER-MÖLLER PKZM0-6.3 +NHI-11
K1	4 99 5737-00	KONTAKTOR CONTACTOR ---	KLÖCKNER-MÖLLER SE00-11-PKZO
K2	4 99 5737-00	KONTAKTOR CONTACTOR ----	KLÖCKNER-MÖLLER SE00-11-PKZO
K4	4 98 9932-00	KONTAKTOR CONTACTOR ----	KLÖCKNER-MÖLLER DIL-00M , 779130
Z1	4 99 0586-00	FILTER FILTER -----	GYLLING ES1-F15, 250V 15A

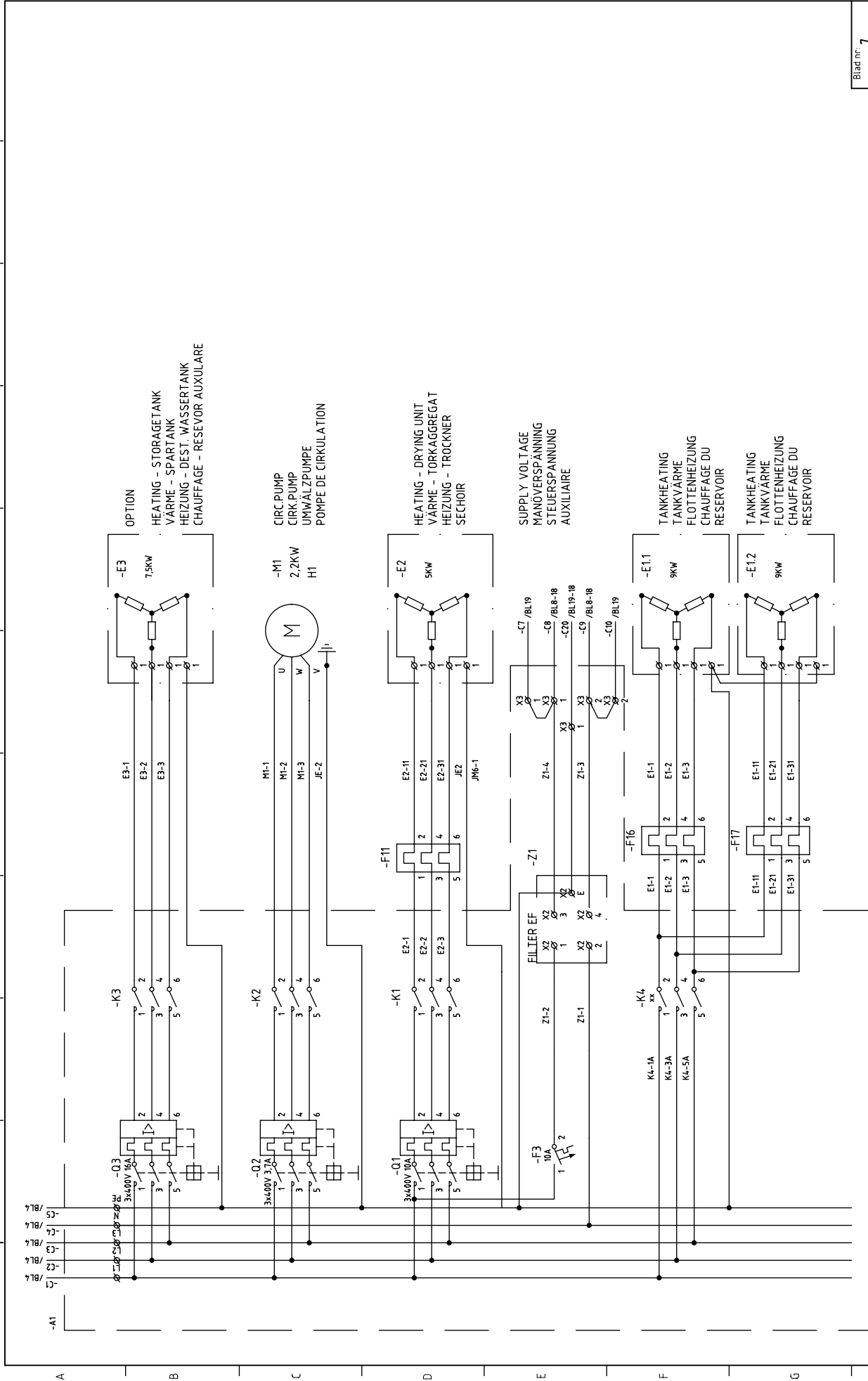
F3	4 99 5738-00	AUTOMATSÄKRING AUTOMATIC FUSE SICHERUNGSAUTOMAT 200V 230V	KLÖCKNER-MÖLLER FAZNC10 FAZNC16-2 FAZNC10-2
Q3	4 99 5735-00	MOTORSKYDDSBRYTARE OVERLOAD PROTECTOR MOTORSCHUTZSCHALTER	KLÖCKNER-MÖLLER PKZM0-16. 3X400V
K3	4 99 5737-00	KONTAKTOR CONTACTOR ---	KLÖCKNER-MÖLLER SE00-11-PKZO



1 2 3 4 5 6 7 8 9 10 11



Kontst: EDJ		Godk. av: ES	Teknisk ansvar: ES	Yrkesregister: ES	Skala: 1:1	Erställt: 2023-10-10	Blad nr: 6
När: 2023-10-10		Ändring: 2023-10-10		Revidering: 2023-10-10		Revisör: 2023-10-10	
CIRCUIT DIAGRAM		CONNECTION / 230V, 208V, 240V		5000133		D-5000133	
A-8666		Ritningsnr: 5000133		D-5000133		D-5000133	
Ljungödsgrödan 11		Box 1505, S-351 15 Växjö		GETINGE		DISINFECTION	
Nr		Ant. Andring och / eller medd.-nr		Datum		Inf.	
Godk.		Godk.		Godk.		Godk.	



Kontst: EDJ		Godk. av: ES	Teknisk ansvar: Toledanser för ej annat anges	Yrjämhet för ej annat anges	Skala:	Erstället:	Blad nr: 7
CIRCUIT DIAGRAM CONNECTION, 400V A-8666							
GETINGE DISINFECTION Ljungskildagatan 11 Box 1505, S-351 15 Växjö							
D-5000134							
5000134							
990312							
Rev.							
D-5000134							
D-5000134							

This product is manufactured by:
GETINGE DISINFECTION AB, Ljungadalsgatan 11, Box 1505, 351 15 Växjö, Sweden

